

# THE TECH

VOL. XXVI. No. 15

BOSTON, MASS., MONDAY, OCTOBER 29, 1906

PRICE THREE CENTS

## SUCCESSFUL MEET.

Large Number of New Men Out.  
Make Good Showing.

The Fall Handicap Meet, held Saturday afternoon at the Tech Field, proved to be one of the most successful ever held. Its purpose, that of bringing out both new and old men so that the coach may get an idea of his material, was well fulfilled, for most of the old men were out, and the new men made a very creditable showing.

Capt. Richards was ill and could not run. Judging from the performances in the sprints, he would have had no trouble in beating out the field. Among the new men Gram, '09, and Fernstrom, '10, in the sprints, Schobinger, '08, in the pole vault and broad jump and Frost, '10, in the half-mile run, made excellent showings and will undoubtedly develop into crack men.

Conditions for the meet were excellent, and the keen competition of the men would have kept the interest of the spectators at a top notch if the meet had not been dragged out so long.

The 100-yard dash was an interesting event throughout, the competition among the men being very keen. No especially fast time was made. Gram, '09, beat out the field in the final heat after a hard race, Gould, '07, getting second place.

The 120-yard high hurdles was Rapelye's event from start to finish, as was also the high jump. Rapelye's only competitor in the former was Eaton, the other two starters stopping after passing a few hurdles.

Rapelye did excellent work in the high jump, going over the bar at 5 feet 7 1/2 inches, and winning the event easily, even against the handicap of his competitors. Blackburn, '08, and Fernstrom, '10, both made actual jumps of 5 feet 2 inches, but the latter's handicap of 5 inches won second place for him, Blackburn having 4 inches.

In the 1-mile run, Buckingham, '06, ran one of the prettiest races ever seen at Tech Field. Starting from scratch, he had completely passed his field in the first part of the last lap, and finished 20 yards ahead of Campbell, '07, in the fast time of 4 minutes and 42 seconds.

Gram, '09, ran away from the field in the 220-yard dash and had everything his own way. Gould, '07, and Fernstrom, '10, had a hard fight for second place, the former winning it.

The half-mile run proved to be a pretty race, Chapman, '07, pushed Frost, '10, hard for first place but was unable to pass him. Gimson, '08, starting at scratch, ran a hard race, but was unable to make up the handicap.

In the pole vault Schobinger, '08, seemed to have by far the greatest ability, making the highest record, 9 feet 7 1/4 inches. Richardson, however, had too great a handicap for him and won the event, leaving Schobinger in second place.

For a while it looked as though Morrison, '10, would win the shot-put hands down, but in the last round both Freedman, '08, and M.

(Continued on Page 3.)

## 1910 WINS GAME.

Defeats Lowell Textile School in Fine Game, 9 to 6.

The Freshmen went to Lowell Saturday afternoon and defeated the Lowell Textile School in a hard game full of fine playing, 9 to 6. The Freshmen played an excellent game against a team that gave them good practise both in offence and defence.

The Freshmen's touchdown was made in a forward pass to Hinds, and Hurley kicked a pretty goal from the field. Neither team did much fumbling, but Lowell's touchdown was made when Stersburg gained the ball after 1910 had fumbled. He ran 65 yards. The forward pass was tried a number of times but failed every time but the once.

The Freshmen should have run up a higher score but their team play is not as finished as it might be, showing that the men are either not practising enough or not going about it seriously.

M. I. T.	LOWELL TEXTILE
Bell, l.e.	r.e., Prescott
Leavens, l.t.	r.t., Abbott
Manson, l.g.	r.g., Riley
Roberts, c.	c., Perkins
Terry, r.g.	l.g., Read
Amsden, r.t.	l.t., Weeks
Hinds, r.e.	l.e., Fairbanks, Newhall
Billings, q.b.	q.b., Morton
Hurley, l.h.b.	r.h.b., Dwight, (Strauss)
Loutit (Capt.), r.h.b.	l.h.b., Ellis
Saul, f.b.	f.b., Stersburg

Score—9 to 6 in favor of M. I. T., '10.  
Touchdowns—Stersburg, Hinds. Goals from field—Hurley. Umpires—Proctor, Townsend, '10. Referee—Varnum. Linesmen—Myer, '10, and Gay. Timers—Everett, '10, Thorpe. Time—20 and 15-minutes.

## MINERS TO SPEAK.

On Monday afternoon, Nov. 5, at 4.30 P.M. in 2 Rogers, a talk upon summer experience in mining work will be given by four of the Senior members of the Mining Engineering Society.

J. M. McMillin will speak upon general mining and treatment of the lead and zinc ores of Joplin, Missouri; S. E. Sampson and L. R. Davis, upon magnetic surveying and general workings respectively of the Magnetic Iron deposits of Mineville, New York. R. L. Witcomb will describe the conditions and working of the placer deposits in Nome, Alaska, and Dawson, Yukon Territory, Canada.

These talks in previous years have been very instructive and interesting, as they show the student just exactly what he is to be up against when he gets out into the mining world. The various professional men who speak to us during the year give the point of view from a more matured outlook, but as it is some years before the student reaches this condition, these younger views are equally as instructive.

The variety of places visited this year by the Senior and Junior miners, offers a large field for some very interesting talks, which will be continued frequently at other meetings.

Students, who are not members of the society, but who are interested are welcome and members are requested to be present.

## HAS FINE COURSE.

Princeton Cross-Country Course Favorable to Good Performances.

The Cross Country Team is now practicing for the Intercollegiate championship race to be held on November 27, the day before Thanksgiving. The men will meet at this time teams from Harvard, Yale, Princeton, Pennsylvania, Columbia, and Cornell. Each team will be composed of seven men, and the position of the first four finishing will count in the aggregate score by which the championship is decided.

For the first time the race will be run at Princeton over the new course of that university. The race is for six miles. The start is from Brokaw Field, thence straightaway behind the dormitories and clubhouses parallel with Prospect Avenue for half a mile on dirt and grass, all just a trifle uphill. Then almost at right angles over a beaten path down hill, three-eighths of a mile to the Harrison Street bridge over Carnegie Lake. A slight ascent is then made over grass and stubble, and more level running through fields and on Prospect avenue brings us to a "cut-in" leading to the course behind the clubhouses and straight on to that point of the course just outside of Brokaw Field. Here a turn is made to the left, along grass and dirt, to the woods, where two can run abreast. Thence by the Carnegie Lake road to Harrison Street bridge, then uphill and over the same course once more.

The course, which is three miles long and is run over twice in the race, is of a varying and exacting nature. It contains all the elements met with in cross-country running; uphill, downhill, dirt roads, rough fields, and clear grass, besides several jumps over brooks and other obstacles. The conditions are more favorable than they have ever been before and some good performances can be confidently predicted.

## ATHLETIC FINANCE AT YALE.

The new season tickets for Yale athletic sports, including football, baseball and track athletics, were put on sale recently at \$5 apiece, this being one result of the so-called athletic reform movement, which originated last year in the University Council. The saving in the purchase of such a ticket, which admits to all home contests, is a large one. The ticket is designed for members of the Faculty as well as students and is transferable. At the recommendation of the committee appointed to look into athletic finances the annual \$8 subscription from all students is abolished.

Princeton is trying out a new plan for the forward pass. The man that goes forward to catch the ball takes his time, grabs the ball, and if there is any opponent near him, his duty is to fall down with it. This has been found to be safer than having a man try to run ahead and catch the ball at the same time, with the idea of making a gain after he gets it.

## CALENDAR.

MONDAY, OCTOBER 29.

9.00 A.M. Sophomore Balloting Begins.  
1.00 P.M. Rifle Club Meeting.  
1.10 P.M. Tech Board Meeting in 30 Rogers.  
4.00 P.M. Banjo Club Rehearsal in 33 Rogers.  
4.00 P.M. Mandolin Club Rehearsal in 33 Rogers.  
4.15 P.M. Glee Club Rehearsal at Tech Union.  
6.00 P.M. Pennsylvania Club Dinner at Tech Union.

TUESDAY, OCTOBER 30.

1.00 P.M. Sophomore Class Meeting in Huntington Hall.  
1.00 P.M. Chess Club Meeting in 26 Rogers.

## FACULTY NOTICES.

**Metallurgy.**—The lectures on Elementary Metallurgy begin on Wednesday, Oct. 31, from 12-1, in 2 Rogers.

**Second Year.**—Professor George's lecture in Calculus on Monday at 9 is transferred from 26 Rogers to 6 Lowell.

**Second Year.**—Professor Bailey's lecture in Calculus on Saturdays at 10 is transferred from 26 Lowell to 11 Eng. B.

**First Year.**—Professor Pearson's Class in First Year English, Sections 14, 15, 17, 19 A-K, is transferred from 33 Rogers and will recite on Tuesday at 2 in 42 Rogers, and on Saturday at 10 in 44 Rogers.

## NOTICES.

**1909.**—Important Class Meeting in Huntington Hall, Tuesday, Oct. 30, at 1 P.M.

**Chess Club.**—There will be a meeting of the Chess Club Tuesday at 1 P.M. in 26 Rogers.

**Wanted.**—Tenors for the Glee Club; apply at rehearsals Mondays and Fridays, 4.15 P.M., at Tech Union.

**1909.**—The Sophomore ballots will be out at 9 A.M. today. The voting will close at 4 P.M. Thursday afternoon. Men should call at the Cage for their ballots.

**Rifle Club.**—There will be a meeting of all men interested in the formation of a Rifle Club in Major Wheeler's office, 31 Rogers, at 1 o'clock today.

**Pennsylvania Club.**—The Pennsylvania Club will have a dinner on Monday, Oct. 29, at 6 P.M. at the Union. All Technology men from Pennsylvania are urgently requested to attend. Dinner 50c.

**Lost.**—In Engineering Laboratory, basement of Eng. A Building or on Clarendon or Boylston streets between Eng. A and Rogers Building, on Friday afternoon, a bill book, containing a sum of money and other articles. Finder please return to E. H. Packard, 26 Newbury street, and receive reward.

## THE TECH

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In charge of this issue: W. F. DOLKE, 1908.

Monday, October 29, 1906.

The large number of antiquated bulletin notices—both faculty and student—placed in the different buildings might very well be taken down and the great inconvenience of reading the same thing a dozen times done away with.

Another *Technique* is under construction and again the student must be reminded that *Technique* is not published for the Write Some students, but by the students. A Board of Editors is selected to direct this work, not to perform it, and this truth requires especial emphasis when applied to the department of "Grinds." A few men cannot be "funny" for twenty-five pages of matter, especially when it is impossible for them to attend every lecture and recitation about the Institute. Each man has a share in this work, and each student is responsible for that share. Jot down every funny or witty saying that sets a class in an uproar, and you will have helped to make *Technique* a success.

This year's Fall Handicap Meet was undoubtedly the most successful that Technology has ever held. The games were Proved held primarily to get Successful. out the new men so that an idea of the strength of next spring's Track Team might be gauged. They succeeded wonderfully in this respect. The number of new men out is large enough, and their performances creditable enough, to lead anyone who has followed track athletics to believe that Tech will have as strong, if not a stronger team this year than ever before. While a large number of the new men who won events did their winning mainly on their handicaps, the form shown by

them was such that, with proper training, they will develop into crack men and become strong additions to the Track Team.

As to the meet itself, the events were keenly contested, the spectators were enthusiastic, and the weather conditions almost ideal; but the manner in which the events were allowed to drag along, with intervals of ten and fifteen minutes between them, spoiled what would otherwise have been an ideal meet. There did not seem to be any reason for the delay, at any time, and yet it would be hard to say just who was to blame. It is a common fault of all Tech athletic meets that they are allowed to drag along, and it seems that the management might make a special effort hereafter to keep things moving.

In view of the fact that Harvard seems to be playing an old line smashing game the Yale coaches have been hard at work to meet it, and even as early as the Syracuse game they arrived at the conclusion that, while their opponents were much heavier and gained first down several times on rushes when the Elis got the ball, they could puncture that heavy line at will by getting the jump on them that the neutral zone allows.

Yale is also developing a set of backs and ends, and to make room for them in moving such men as Levine from the back field to the line.

The new cross-country course selected for the eighth annual intercollegiate cross-country run on Nov. 28, is considered by the Harvard men to be a good course and an improvement on the old one at Travers Island. The fact that there are no fences to take during the race is encouraging to the heavy runners. Harvard does not yet know what team they will send, but three of last year's team are in college and eligible to run.

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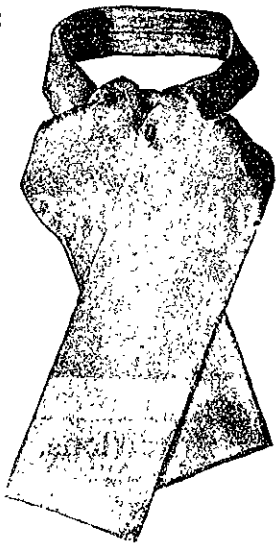
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Linen Handkerchiefs	-	-	.25 to 3.75
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(Continued from Page 1.)

Allen, '08, passed his record of 31 feet. The five men who qualified for second trials were: M. Allen, Freedman, Kollen, '10, Bartlett, '10 and Morrison.

Nisbet, '10, held the best record until he was beaten for the final trials by Pierce, '08, M. Allen, Fitzwater, '10, and Rapelye, '08, whose handicaps placed them ahead of him. Pierce then made his record of 89 feet 9 inches, which plus his 18 feet handicap gave him the discus throw.

The hammer-throw was won easily by Flagg, '09, for he beat the records of all the other contestants without his 20 foot handicap. Scharff, '09, did well but could not equal Flagg's record.

The summary:

100-yard dash—1st heat, won by Stuart, '10, 7 yds.; 2d, Richardson, '08, 6 yds.; 3d, Fernstrom, '10, 3 yds. Time, 10 3-5 sec. 2d heat, won by Gram, '09, 3 yds.; 2d, Gould, '07, 3 yds. Time, 10 3-5 sec. 3d heat, won by Todd, '08, 3 yds.; 2d, Loomis, '08, 5 yds.; 3d, Keeney, '09, 3 yds. Time, 10 3-5 sec. 4th heat, won by Kalbach, '10, 4 yds.; 2d, Throckmorton, '09, 5 yds. Time, 10 4-5 sec. 5th heat, won by Blackburn, '08, 4 yds. Time, 10 4-5 sec. 1st semi-final heat, won by Gould, '07; 2d, Stuart, '10; 3d, Richardson, '08. Time, 10 3-5 sec. 2d semi-final heat, won by Todd, '08; 2d, Gram, '09; 3d, Loomis, '08. Time, 10 3-5 sec. Final heat, won by Gram, '09; 2d, Gould, '07; 3d, Todd, '08; 4th, Richardson, '08. Time, 10 2-5 sec.

220-yard dash—1st heat, won by Todd, '08, 6 yds.; 2d, Fernstrom, '10, 5 yds. Time, 23 3-5 sec. 2d heat, won by Gram, '09, 5 yds.; 2d, Stuart, '10, 12 yds. Time, 23 4-5 sec. 3d heat, won by Gould, '07, 5 yds.; 2d, Keeney, '09, 5 yds. Time, 23 2-5 sec. 4th heat, won by Wertheim, '09, 7 yds.; 2d, Ruggles, '08, 8 yds. Time, 23 4-5 sec. Final heat, won by Gram, '09, 5 yds.; 2d, Gould, '07, 5 yds.; 3d, Fernstrom, '10, 5 yds. Time, 23 3-5 sec.

440-yard dash—Won by Ruggles, '08; 2d, Cummins, '10; 3d, Mills, '10. Time, 53 3-5 sec.

880-yard run—Won by Frost, '10; 2d, Chapman, '07; 3d, Flanders, '10. Time, 2 min. 6 1-5 sec.

1-mile run—Won by Buckingham, '06, scratch; 2d, Chapman, '07, 20 yds.; 3d, Howland, '08, 10 yds. Time, 4 min. 42 sec.

2-mile run—Won by MacGregor, '07; 2d, Udale, '06; 3d, Ellis, '09. Time, 10 min. 13 3-5 sec.

120-yard hurdles—Won by Rapelye, '08; 2d, Eaton, '07. Time, 18 1-5 sec.  
220-yard hurdles—Won by Fernstrom, '10; 2d, Stuart, '10; 3d, Eaton, '07. Time, 27 4-5 sec.

High jump—Won by Rapelye, '08, scratch; 2d, Fernstrom, '10, 5 in.; 3d, Blackburn, '08. Height, 5 ft. 7 1-2 in.  
Broad jump—Won by Schobinger, '08, scratch, 19 ft. 3 1-2 in.; 2d, Eaton, '07, scratch, 19 ft. 1 in.; 3d, Blackburn, '08, 18 ft. 2 in., handicap 10 in.

Pole vault—Won by Richardson, '08, 10 in.; 2d, Schobinger, '08, scratch; 3d, Russell, '10. Height, 9 ft. 7 1-4 in.

Shot put—Won by Freedman, '08; 2d, M. Allen, '08; 3d, Morrison, '10, all scratch. Distance, 32 ft.  
Hammer throw—Won by Flagg, '09, 10 ft.; 2d, Fitzwater, '10, 20 ft.; 3d, Scharff, '09, scratch. Distance, 91 ft. 8 in.

Discus throw—Won by Pierce, '08, 18 ft.; 2d, Allen, '08, 20 ft.; 3d, Rapelye, '08, 12 ft. Distance, 89 ft. 9 in.

The Pennsylvania R.R. Hudson River tunnel reached the end of the first stage toward completion on Tuesday, September 11, at which time the headings met in the north tube of the tunnel. The headings had been advanced continuously from both shores, by shield working, and the point of meeting was near the middle line of the river.

The enrollment last year of the twenty leading colleges of the United States is as follows: Harvard 5300, Columbia 4964, Michigan 4571, Illinois 4074, Minnesota 3950, Pennsylvania 3600, Wisconsin 3571, Cornell 3461, Yale 3208, Chicago 3204, California 3045, Northwestern 2918, Nebraska 2914, Iowa 1815, Leland Stanford, Jr. 1786, Kansas 1708, Indiana, 1684, Missouri 1518, M. I. T. 1466, Princeton 1384.

Both California and Columbia have found much trouble in arranging a schedule of "Rugby" games to be played this fall. The English game is practically unknown in this country, and there are very few organized teams. At best they cannot secure more than three or four games, and this number is entirely too small.

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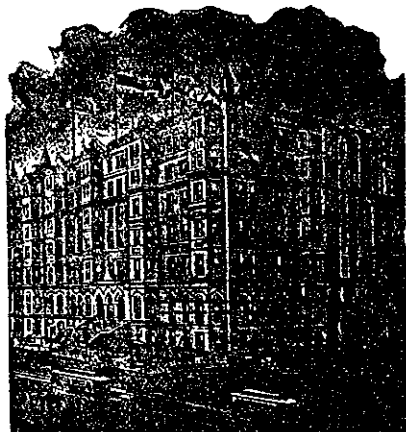
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The Editors do not hold themselves responsible for opinions expressed by correspondents.

TO THE EDITOR OF THE TECH:

In the last issue of THE TECH there appeared under the head of "Communication" an article that placed a Junior in a very false position with the student body of Tech. This Junior was charged with using obscene language when addressing a Freshman Class Meeting. The charge is so preposterous that it seems almost ridiculous to give it a formal reply, but so that no one can labor under the misapprehension of the real state of affairs it might be said that the language to which the Freshman took exception was merely of the general type that is meted out to lazy and indifferent Freshmen before Field Day. Although the occasion undoubtedly called for vigorous terms, which were used, there was nothing in the talk bordering on the obscene, a word which was probably used by the correspondent while ignorant of its meaning.

The point of view from which the Freshman criticised the talk is not one that will commend itself to the other members of his class. If the Class of 1910 is so unfortunate as to contain a few members who are so unpatriotic that they will neither come out for their class teams, nor take their medicine when they are condemned for their neglect, they should be discouraged by their classmates from expressing such undesirable sentiments in public. From the treatment given the subject in hand, we infer that the author has not absorbed a superabundance of Tech spirit. Doubtless by the time he has been here a little longer he will realize that a role of silence is much better suited to his position than that of presuming to criticise a man who is superior and senior.

Fortunately for 1910 the sentiments expressed by their correspondent is not representative. Most of the Freshmen want to win Field Day at any cost, and do not object to a scolding once in a while if it serves to jar them out of their complacent self sufficiency. President Elwood said that he believed that the talk was just what was needed to stir the class out of its apathy. It is certain that the results of the talk were beneficial, as it nearly doubled the number of men who reported for practise for the various class teams.

It is hoped that this will make it

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PARK.—"The Mountain Climber."

TREMONT.—"Madam Butterfly."

sufficiently clear to the students at large what the truth is in regard to this matter, and to the correspondent in particular what will be expected of him in the future. We might suggest that there is still water in the frog pond, and that men who exhibit a tendency to misapply their literary genius might be shocked into seeing things in the proper perspective by an immersion in it. Such treatment has been known to have been given Freshmen by members of their own class as well as by upper classmen when the occasion demanded it. The present case would seem to justify almost any course.

One of the results of the long deliberations of the rules committee last winter and the agitation that led to those long deliberations was to emphasize the need of officials being watchful and strict if the game was to be improved. The officials have heeded all this, and the officiating this season in the main has been more careful, more strict than previously. The result is a greater respect for and adherence to the ethical side of the game on the part of players. The formal cognizance taken of the matter of officials by the rules committee has imparted a more recognized and dignified standing to officialdom, and doubtless has served to make officials feel that there is more responsibility as well as security in their work—this even though the majority of men who officiate at football games are actuated less by the remuneration than by a desire to lend a helping hand in promoting the welfare of the sport.

The football umpire or referee must be active, prompt, fair, and fearless. He has to be Johnny on the spot, has to cover as much ground as any of the players, and on the referee's judgment in blowing his whistle for a down depends to a large extent the prevention of needless piling up on a player.

Dartmouth, Williams, Wesleyan and Brown have formed a basket ball league. Curtis Plummer, '07, manager of the Dartmouth basket ball team, was elected president of the association.

The enrollment of students at Brown this year is as follows: Graduate students, 102; seniors, 120; juniors, 136; sophomores, 149; freshmen, 167; specials, 51; total, 623. These figures do not include the enrollment in the women's college.

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